

## INDEX.

## ORIGINAL COMMUNICATIONS.

## A

Abscess Epidural, of the Temporal Region and Abscess of the Frontal Lobe; Operation; Recovery—Klaer ..... 870  
 Abscess of the Tongue—Cobb ..... 282  
 Abscesses, Retro - Pharyngeal, Opening of—Meierhoff ..... 467  
 Accessory Sinuses and Nose, Syphilis of—Logan ..... 650  
 Accessory Sinuses, in Diseases of, How Much Attention Should We Give the Middle Turbinate Body—Robertson ..... 892  
 Accessory Sinus Treatment, Modern Methods of—Curtis ..... 337  
 Acute Purulent Otitis Media Complicating Typhoid Fever—Day and Jackson ..... 714  
 Adeno-Carcinoma of Nose, Killian Operation for Radical Removal—McCoy ..... 294  
 Adenoid Curette—Thomson ..... 383  
 Adenoids, Proper Position for Removal of—Holmes ..... 350  
 Antrum of Highmore, Chronic Empyema of—Leland ..... 596  
 Anderson, Willis S., Passing of the Galvano-Cautery in Treatment of Diseases of the Nose ..... 447  
 Antrum of Highmore; Removal of Inner Wall for Empyema—Freer ..... 343  
 Asymmetry, Facial—Swain ..... 545  
 Atrophic Rhinitis, The Treatment of, by Means of an Oro-Nasal Canula—Iglauer ..... 833  
 Attic, the Diseased, A Contribution to the Treatment of—Hotz 784

## B

Bailey, Harold, A Case of Bilateral Extra-Dural Abscess Complicating Middle Ear Suppuration Following Typhoid Fever ..... 941  
 Baldwin, Kate Wylie, Intra-Nasal Pressure a Cause of Headaches, Diplopia and Other Ocular Disturbances ..... 788  
 Ballenger, W. L., New Technique for Submucous Resection of the

Cartilaginous Septum; The Swivel Septum Knife ..... 417  
 Barnhill, John F., Surgery of Otitic Brain Abscess ..... 438  
 Beck, Joseph C., Tumors of the Middle Ear, with Report of Two Rare Varieties ..... 765  
 Beck, Joseph C., Tympanic Massage: A New Method by Means of Metallic Mercury ..... 913  
 Behrens, B. M., Observations on Catarrh and Predisposition, or Reflex versus Catarrh Theory ..... 720  
 Berens, T. Passmore, The Comparative Results of Conservative and Radical Methods of Treatment of Disease of the Sphenoid Sinus ..... 624  
 Bezold's Mastoiditis with a Report of Three Cases, Some Remarks on—Oppenheimer ..... 48  
 Brain Abscess—Jack ..... 521  
 Braislin, Wm. C., Acute Mastoiditis, Septic Infection of the Sigmoid Sinus, Phlebitis of the Internal Jugular in a Child ..... 436  
 Bronchus, the Right, Foreign Body Removed from; Presentation of Patient, and History of the Case—Elserberg ..... 944  
 Brown, Edgar D., Experiments on Animals With Ethyl Chloride ..... 883  
 Brown, Edward J., Cases of Primary and Secondary Tonsillar Hemorrhage Following Removal Both with Tonsillotome and Snare ..... 106  
 Bryant, Alice G., A New Tongue Depressor ..... 116  
 Bryant, Alice G., A New Tonsil Tenaculum ..... 947  
 Bryant, W. Sohier, A New Instrument for Mastoid Surgery ..... 796  
 Buccal Cavity, Ear and Naso-Pharynx Syphilitic Manifestations in—Stucky ..... 657

## C

Caldwell-Luc Methods, Multiple Sinusitis Cured by Killian and—Hitz ..... 297

## INDEX.

## ORIGINAL COMMUNICATIONS.

## A

Abscess Epidural, of the Temporal Region and Abscess of the Frontal Lobe; Operation; Recovery—Klaer ..... 870  
 Abscess of the Tongue—Cobb ..... 282  
 Abscesses, Retro - Pharyngeal, Opening of—Meierhoff ..... 467  
 Accessory Sinuses and Nose, Syphilis of—Logan ..... 650  
 Accessory Sinuses, in Diseases of, How Much Attention Should We Give the Middle Turbinate Body—Robertson ..... 892  
 Accessory Sinus Treatment, Modern Methods of—Curtis ..... 337  
 Acute Purulent Otitis Media Complicating Typhoid Fever—Day and Jackson ..... 714  
 Adeno-Carcinoma of Nose, Killian Operation for Radical Removal—McCoy ..... 294  
 Adenoid Curette—Thomson ..... 383  
 Adenoids, Proper Position for Removal of—Holmes ..... 350  
 Antrum of Highmore, Chronic Empyema of—Leland ..... 596  
 Anderson, Willis S., Passing of the Galvano-Cautery in Treatment of Diseases of the Nose ..... 447  
 Antrum of Highmore; Removal of Inner Wall for Empyema—Freer ..... 343  
 Asymmetry, Facial—Swain ..... 545  
 Atrophic Rhinitis, The Treatment of, by Means of an Oro-Nasal Canula—Iglauer ..... 833  
 Attic, the Diseased, A Contribution to the Treatment of—Hotz 784

## B

Bailey, Harold, A Case of Bilateral Extra-Dural Abscess Complicating Middle Ear Suppuration Following Typhoid Fever ..... 941  
 Baldwin, Kate Wylie, Intra-Nasal Pressure a Cause of Headaches, Diplopia and Other Ocular Disturbances ..... 788  
 Ballenger, W. L., New Technique for Submucous Resection of the

Cartilaginous Septum; The Swivel Septum Knife ..... 417  
 Barnhill, John F., Surgery of Otitic Brain Abscess ..... 438  
 Beck, Joseph C., Tumors of the Middle Ear, with Report of Two Rare Varieties ..... 765  
 Beck, Joseph C., Tympanic Massage: A New Method by Means of Metallic Mercury ..... 913  
 Behrens, B. M., Observations on Catarrh and Predisposition, or Reflex versus Catarrh Theory ..... 720  
 Berens, T. Passmore, The Comparative Results of Conservative and Radical Methods of Treatment of Disease of the Sphenoid Sinus ..... 624  
 Bezold's Mastoiditis with a Report of Three Cases, Some Remarks on—Oppenheimer ..... 48  
 Brain Abscess—Jack ..... 521  
 Braislin, Wm. C., Acute Mastoiditis, Septic Infection of the Sigmoid Sinus, Phlebitis of the Internal Jugular in a Child ..... 436  
 Bronchus, the Right, Foreign Body Removed from; Presentation of Patient, and History of the Case—Elserberg ..... 944  
 Brown, Edgar D., Experiments on Animals With Ethyl Chloride ..... 883  
 Brown, Edward J., Cases of Primary and Secondary Tonsillar Hemorrhage Following Removal Both with Tonsillotome and Snare ..... 106  
 Bryant, Alice G., A New Tongue Depressor ..... 116  
 Bryant, Alice G., A New Tonsil Tenaculum ..... 947  
 Bryant, W. Sohier, A New Instrument for Mastoid Surgery ..... 796  
 Buccal Cavity, Ear and Naso-Pharynx Syphilitic Manifestations in—Stucky ..... 657

## C

Caldwell-Luc Methods, Multiple Sinusitis Cured by Killian and—Hitz ..... 297

## ORIGINAL COMMUNICATIONS.—Continued.

Canfield, R. Bishop, Three Cases of Trifacial Neuralgia Due to Intra-Nasal Causes and Treated Successfully by Intra-Nasal Methods ..... 716

Carter, William Wesley, Fibrous Post-Nasal Polyp ..... 454

Carter, William Wesley, A Cyst of the Pharyngeal Tonsil ..... 937

Case of Bilateral Extra-Dural Abscess Complicating Middle Ear Suppuration, Following Typhoid Fever—Bailey ..... 941

Case of Epidural Abscess of the Temporal Region and Abscess of the Frontal Lobe; Operation; Recovery—Kiaer ..... 870

Case of Laryngeal Tuberculosis with Exhibition of Specimen—Stein ..... 876

Cases Illustrating Difficulties in Diagnosis of Intra-Cranial Extension of Suppurative Otitis, in the Presence of a Pulmonary Complication—Duel ..... 42

Cases of Primary and Secondary Tonsillar Hemorrhage Following Removal Both with Tonsillotome and Snare—Brown ..... 106

Casselberry, W. E., The Conservative Treatment of Chronic Suppuration of the Frontal Sinus ..... 60

Catarrh and Predisposition, or Reflex Versus Catarrh Theory, Observations on—Behrens ..... 720

Cautery, The Submucous; Its Use in the Treatment of Hypertrophy of the Inferior Turbinates—Kopetzky ..... 761

Century of Intubations—Cott ..... 108

Chronic Empyema of the Antrum of Highmore—Leland ..... 596

Chronic Suppuration of the Frontal Sinus, The Conservative Treatment of—Casselberry ..... 607

Clinical Significance of Otolgia—Fridenberg ..... 862

Coakley, C. G., The Frontal Sinus ..... 602

Cobb, Frederic C., Abscess of the Tongue with Report of two Cases ..... 282

Comparative Results of Conservative and Radical Methods of Treatment of Disease of the Sphenoid Sinus—Berens ..... 624

Conservative and Radical Methods of Treatment of Disease of the Sphenoid Sinus, The Comparative Results of—Berens ..... 624

Conservative Treatment of Chronic Suppuration of the Frontal Sinus—Casselberry ..... 607

Contribution to the Treatment of the Diseased Attic—Hotz ..... 784

Cott, Geo. F., A Century of Intubations ..... 108

Curette, Adenoid—Thomson ..... 383

Curtis, H. Holbrook, Two Cases of Successful Obliteration of the Frontal Sinus After Repeated Operations ..... 684

Curtis, H. Holbrook, Modern Methods of Accessory Sinus Treatment ..... 337

Cysts in Lymphoid Tissue, an Exceptional Manifestation of Tonsillar Retrogression—Wright ..... 681

Cyst of the Pharyngeal Tonsil—Carter ..... 937

Cyst of the Thyo-Glossus Duct; Report of a Case—Kyle ..... 880

D

Danziger, Emil, Two Cases of Rhinoscleroma ..... 935

Day, Ewing W. and Jackson, C. Q., Acute Purulent Otitis Media Complicating Typhoid Fever ..... 714

Dench, E. B., Report of a Case of Acute Suppurative Otitis Media, Complicated by Double Pneumonia, Septic Thrombosis of Jugular Bulb: Operation, Excision of Internal Jugular; General Systemic Infection; Death—Dench ..... 37

Diagnosis of Intra-Cranial Extension of Suppurative Otitis, in the Presence of a Pulmonary Complication, Cases Illustrating Difficulties in—Duel ..... 42

Diffuse Infiltration of the Right Side of the Naso-Pharynx with Paresis of Cranial Nerves—Freer ..... 845

Dilated, Syphilitic Tracheal Stenosis, During Active Ulceration by a Long Intubating Tube; Cured—Hurd ..... 114

Diphtheria, Scarlatina and Measles, Ear and Nose Complications in—McCollom ..... 673

Diseased Faucial Tonsil and Its Operative Treatment—Murray ..... 851

Double Pneumonia, Septic Thrombosis of Jugular Bulb, Complicating Acute Suppurative Otitis Media: Operation, Excision of Internal Jugular; General Systemic Infection; Death—Dench ..... 37

## ORIGINAL COMMUNICATIONS.—Continued.

Draining the Frontal Sinus, New Operation and Instruments for— Ingals	644	Experiments on Animals with Ethyl Chloride—Large and Brown	883
Duel, Arthur B., Cases Illustrating Difficulties in Diagnosis of Intracranial Extension of Suppurative Otitis, in the Presence of a Pulmonary Complication	42	Extra-Dural Abscess Complicating Middle Ear Suppuration Following Typhoid Fever—Bailey	941
Dupuy, Homer, The Falsetto or Eunuchoid Voice	459		
		<b>F</b>	
		Falsetto or Eunuchoid Voice—Dupuy	459
		Farlow, John W., The Ethmoidal Sinus	618
		Forceps, Post-Nasal—Thomson	385
		Forceps, Speculum and Elevator for Use in the Sub-Mucous Resection of the Nasal Septum—Hurd	946
		Foreign Bodies in the Trachea, Bronchi and Oesophagus—Jackson	257
		Foreign Body in the Maxillary Antrum—Potts	939
		Foreign Body Removed From the Right Bronchus, Presentation of Patient and History of the Case—Elsberg	944
		Formalin in the Treatment of Diseases of the Ear, Nose and Throat—Stein	857
Ellett, E. C., Unusual Development of the Frontal Sinuses	558	Foster, Hal, Case of Keratosis of the Throat	284
Elsberg, Chas. A., Foreign Body Removed from the Right Bronchus, Presentation of Patient and History of the Case	944	Freer, O. T., Antrum of Highmore; Removal of Greater Part of Inner Wall for Empyema	343
Empyema, Chronic, of the Antrum of Highmore—Leland	596	Freer, O. T., Diffuse Infiltration of the Right Side of the Nasopharynx with Paresis of Cranial Nerves	845
Empyema, Removal of Greater Part of Antrum of Highmore for—Freer	343	Fridenberg, Percy, The Clinical Significance of Otalgia	862
Encephalitis and Brain Abscess—Jack	521	Frontal Lobe, Abscess of, and Epidural Abscess of the Temporal Region: Operation; Recovery—Klaer	870
Epidural Abscess of the Temporal Region and Abscess of the Frontal Lobe: Operation; Recovery—Klaer	870	Frontal Sinus, New Operation and Instruments for Draining the—Ingals	644
Epithelioma of the Facial Tonsil—Johnston	566	Frontal Sinus, Two Cases of Successful Obliteration of, After Repeated Operations—Curtis	684
Ethmoidal Operation Melancholia Relieved by—Shields	465	Frontal Sinus, the—Coakley	602
Ethmoidal Sinus—Farlow	618	Frontal Sinus, the, Conservative Treatment of Chronic Suppuration of the—Casselberry	607
Ethmoidal Sinus—Roe	611	Frontal Sinuses, Unusual Development of the—Ellett	558
Ethyl Chloride, Experiments on Animals with—Large and Brown	883		
Eustachian Salpingitis, Acute—Koyle	773	<b>G</b>	
Eustachian Tube, Obstruction of the, a Factor in Post-Operative Mastoid Fistula and in Chronic Suppuration of the Middle Ear—Hubbard	711	Galvano-Cautery in Treatment of Diseases of the Nose—Anderson	447
Ewing, F. C., Pioneers of Laryngology	198		

## ORIGINAL COMMUNICATIONS.—Continued.

Garcia Centenary, and Jubilee of Laryngology ..... 179  
 Garcia Jubilee Celebration Held in London, March 17, 1905, Report of—Smith ..... 729  
 Garcia, Manuel, Observations on the Human Voice ..... 185  
 General Discussion of the Symposium on Sinus Disease ..... 628  
 Gleitsmann, J. W., The Sphenoidal Sinus ..... 621  
 Graef, Charles, Plan to Avoid Heating the Mirror of the Laryngoscope ..... 474

H

Harris, Thomas J., Pathologic Findings of Intra-Cranial Complications of Middle Ear Disease 535  
 Headaches, Diplopia and Other Ocular Disturbances, Intra-Nasal Pressure a Cause of—Baldwin ..... 788  
 Hemorrhage from an Infamed Tonsil, Spontaneous—Kelper ..... 469  
 Hemorrhage in the Middle Ear, Idiopathic—Linhart ..... 472  
 Hemorrhage in Nose and Throat Operations—Mayer ..... 699  
 Hemorrhage, Tonsillar, Primary and Secondary, Following Removal Both with Tonsillotome and Snare—Brown ..... 106  
 History of the Laryngoscope—Thomson ..... 181  
 Hitz, Henry B., Multiple Sinusitis Cured by the Killian and Caldwell-Luc Methods ..... 297  
 Holmes, C. R., Proper Position of Patient for Removal of Adenoids Under General Anaesthesia ..... 250  
 Hotz, F. C., A Contribution to the Treatment of the Diseased Attic ..... 784  
 How Much Attention Should We Give the Middle Turbinate Body in Diseases of the Accessory Sinuses?—Robertson ..... 892  
 Hubbard, T., Laryngo-Tracheal Injections ..... 217  
 Hubbard, Thomas, Obstruction of the Eustachian Tube a Factor in the Post-Operative Mastoid Fistula and in Chronic Suppuration of the Middle Ear ..... 711  
 Hurd, L. M., Eleator, Speculum and Forceps for Use in the Sub-Mucous Resection of the Nasal Septum ..... 946

Hurd, Lee Maidment, Syphilitic Tracheal Stenosis—Dilated During Active Ulceration by a Long Intubating Tube; Cured ..... 114  
 Hypertrophy of the Inferior Turbinates; The Sub-Mucous Cautery; Its Use in the Treatment of—Kopetzky ..... 761

I

Iglauer, Samuel, The Treatment of Atrophic Rhinitis by Means of an Oro-Nasal Canula ..... 833  
 Infiltration, Diffuse, of the Right Side of the Naso-Pharynx with Paresis of Cranial Nerves—Freer ..... 845  
 Ingals, E. F., Chronic Laryngitis 203  
 Ingals, E. F., New Operation and Instruments for Draining the Frontal Sinus ..... 644  
 Injections, Laryngo-Tracheal ..... 217  
 In Memoriam, Sir Felix Semon ..... 195  
 Instruments and Operation, New, for Draining the Frontal Sinus—Ingals ..... 644  
 Instruments, Some Improved Nose, Throat and Ear—Pynchos ..... 117  
 Internal Jugular, Excision of, Operation in a Case of Acute Suppurative Otitis Media, Complicated by Double Pneumonia, Septic Thrombosis of Jugular Bulb; General Systemic Infection; Death—Dench ..... 37  
 Intra-Cranial Complications of Middle Ear Suppuration—Symposium ..... 513  
 Intra-Cranial Extension of Suppurative Otitis, in the Presence of a Pulmonary Complication; Cases Illustrating Difficulties in Diagnosis of—Duel ..... 42  
 Intra-Nasal Pressure a Cause of Headaches, Diplopia and Other Ocular Disturbances—Baldwin ..... 788  
 Intubations, A Century of—Cott ..... 108

J

Jack, F. L., Encephalitis and Brain Abscess ..... 521  
 Jackson, C. Q., and Day, Ewing W., Acute Purulent Otitis Media Complicating Typhoid Fever ..... 714  
 Jackson, Chevalier, Foreign Bodies in the Trachea, Bronchi and Oesophagus. The Aid of Oesophagoscopy, Bronchoscopy and Magnetism in Their Extraction ..... 257

## ORIGINAL COMMUNICATIONS.—Continued.

Jackson, Chevalier, The Mastoid Operation ..... 378  
 Johnston, Richard H., Case of So-Called Hairy Tongue ..... 562  
 Johnston, Richard H., Foreign Body Swallowed by Child Seventeen Weeks Old ..... 562  
 Jugular Bulb, Septic Thrombosis of, Double Pneumonia, Complicating Acute Suppurative Otitis Media; Operation, Excision of Internal Jugular; General Systemic Infection; Death—Dench ..... 37  
 Jurisprudence of the Nose, Throat and Ear—Loeb ..... 753

**K**  
 Keiper, George F., Spontaneous Hemorrhage From an Inflamed Tonsil ..... 469  
 Keratosis of the Throat—Foster ..... 284  
 Klaer, Gottlieb, A Case of Epidural Abscess of the Temporal Region and Abscess of the Frontal Lobe; Operation; Recovery ..... 870  
 Killian Operation for Adeno-Carcinoma of Nose—McCoy ..... 294  
 Knife, Swivel Septum for Submucous Resection of Cartilaginous Septum—Ballenger ..... 417  
 Kopetzky, S. J., The Sub-Mucous Cautery; Its Use in the Treatment of Hypertrophy of the Inferior Turbinates ..... 761  
 Koyle, Frank H., Acute Eustachian Salpingitis ..... 773  
 Koyle, Frank H., Pseudokousma ..... 423  
 Kyle, John J., Cyst of the Thyro-Glossus Duct; Report of a Case ..... 880

**L**  
 Large Secord H., Experiments on Animals with Ethyl Chloride ..... 883  
 Laryngeal Lesion, Case of—Makuen ..... 457  
 Laryngeal Syphilis Requiring Tracheotomy, An Unusual Case of—Theisen ..... 691  
 Laryngeal Tuberculosis, A Case of, with Exhibition of Specimen—Stein ..... 876  
 Laryngitis, Chronic—Ingals ..... 203  
 Laryngo-Tracheal Injections — Hubbard ..... 217  
 Laryngology, Pioneers of—Ewing ..... 198  
 Laryngoscope, History of—Thompson ..... 181  
 Laryngoscope, Plan to Avoid Heating the Mirror of the—Graef ..... 474  
 Larynx and Trachea, Syphilitic Manifestations in—Packard ..... 660

Leland, G. A., Chronic Empyema of the Antrum of Highmore ..... 596  
 Linhart, C. P., Idiopathic Hemorrhage in the Middle Ear ..... 472  
 Loeb, Hanau W., Jurisprudence of the Nose, Throat and Ear ..... 753  
 Logan, James E., Syphilis of the Nose and Accessory Sinuses ..... 650  
 Lymphoid Tissue, Cysts in, An Exceptional Manifestation of Tonsillar Retrogression — Wright ..... 681

**M**  
 McAuliffe, George B., The Results of Partial Inferior Turbectomy ..... 97  
 McCollom, John H., Nose and Ear Complications in Diphtheria, Scarlatina and Measles ..... 673  
 MacCoy, Alexander W., Observations on the Therapeutic Value of Medicated Ointments in Certain Affections of the Nasal Chambers ..... 101  
 McCoy, John, Adeno-Carcinoma of Nose; Killian Operation for Radical Removal ..... 294  
 McKernon, James F., Sigmoid Sinus Thrombosis ..... 528  
 Magnetism in the Extraction of Foreign Bodies From the Trachea—Jackson ..... 257  
 Makuen, G. Hudson, Case of Laryngeal Lesion, Case of Unusual Form of Stammering ..... 457  
 Malignant Disease in the Nose, with Report of Four Cases—Minor ..... 917  
 Manuel Garcia—Thomson ..... 177  
 Massage, Tympanic: A New Method by Means of Metallic Mercury—Beck ..... 913  
 Mastoid Fistula, Post-Operative, and Chronic Suppuration of the Middle Ear, Obstruction of the Eustachian Tube a Factor in—Hubbard ..... 711  
 Mastoiditis, Acute—Septic Infection of the Sigmoid Sinus, Phlebitis of the Internal Jugular—Braisl ..... 436  
 Mastoiditis and the Mastoid Operation in Children, Acute—Wells ..... 367  
 Mastoiditis, Bezold's, with a Report of Three Cases, Some Remarks on—Oppenheimer ..... 48  
 Mastoid Operation, Indications Therefor in Acute Suppurative Otitis Media Without Mastoid Symptoms—Jackson ..... 378

## ORIGINAL COMMUNICATIONS.—Continued.

Mastoid Surgery, a New Instrument for—Bryant .....	796	Neuralgia of Dental Origin, Aural—Richards .....	289
Maxillary Antrum, Foreign Body in—Potts .....	939	Neuralgia, Trifacial, Due to Intra-Nasal Causes and Treated Successfully by Intra-Nasal Methods—Canfield .....	716
Maxillary Sinus, Chronic Empyema of—Leland .....	596	New Instrument for Mastoid Surgery—Bryant .....	796
Maxillary Sinus, the—Myles.....	593	New Operation and Instruments for Draining the Frontal Sinus—Ingals .....	644
Mayer, Emil, Hemorrhage in Nose and Throat Operations ..	699	Non-Operative Treatment of Chronic Otitis Media Purulenta, with Special Reference to the Use of Pyoktanin—Richards...	703
Means, C. S., Tuberculosis Localized in the Third Tonsil .....	559	New Tongue Depressor—Bryant..	116
Measles, Diphtheria and Scarletina, Ear and Nose Complications in—McCollom .....	673	New Tonsil Tenaculum—Bryant.	947
Medicated Ointments in Certain Affections of the Nasal Chambers, Observations on the Therapeutic Value of—MacCoy....	101	Nose and Accessory Sinuses, Syphilis of—Logan .....	650
Meierhof, E. L., Safe and Adequate Method for Opening Retro-Pharyngeal Abscesses in Children .....	467	Nose and Ear Complications in Diphtheria, Scarletina and Measles—McCollom .....	673
Meningitis: Its Symptomatology, Diagnosis and Treatment—Smith .....	513	Nose and Throat Operations, Hemorrhage in—Mayer .....	699
Mercury, Metallic, Tympanic Massage: A New Method by Means of—Beck .....	913	Nose, Ear and Throat, Formalin in the Treatment of Diseases of—Stein .....	857
Middle ear Disease, Pathologic Findings of the Intra-Cranial Complications of—Harris .....	535	Nose, Galvano-Cautery in Treatment of Diseases of—Anderson 447	
Middle Ear Suppuration and Its Complications—Tod .....	3	Nose, Malignant Disease in the, with Report of Four Cases—Minor .....	917
Middle Ear, Tumors of, with Report of Two Rare Varieties—Beck .....	765	Nose, Throat and Ear, Jurisprudence of—Loeb .....	753
Middle Turbinate Body, How Much Attention Should We Give the, in Diseases of the Accessory Sinuses—Robertson .....	892	 <b>O</b>	
Minor, Charles L., Malignant Disease in the Nose, with Report of Four Cases .....	917	Obliteration of the Frontal Sinus After Repeated Operations, Two Cases of Successful—Curtis..	684
Murray, William R., The Diseased Faucial Tonsil and Its Operative Treatment .....	851	Observations on Catarrh and Predisposition, or Reflex Versus Catarrh Theory—Behrens .....	720
Myles, Robert C., the Maxillary Sinus .....	593	Observations on the Therapeutic Value of Medicated Ointments in Certain Affections of the Nasal Chambers—MacCoy .....	101
 <b>N</b>		Obstruction of the Eustachian Tube a Factor in Post-Operative Mastoid Fistula and in Chronic Suppuration of the Middle Ear—Hubbard .....	711
Naso-Fibroma Treated by Injection of Mono-Chloracetic Acid—Smith .....	292	Ocular Disturbances, Diplopia, and Headaches, Intranasal Pressure a Cause of—Baldwin..	788
Naso-Pharynx, Diffuse Infiltration of the Right Side of, with Paralysis of Cranial Nerves—Freer... 845		Oesophagoscopy, Bronchoscopy and Magnetism in the Extraction of Foreign Bodies from the Trachea—Jackson .....	257
Naso-Pharynx, Ear and Buccal Cavity, Syphilitic Manifestations in—Stucky .....	657		

## ORIGINAL COMMUNICATIONS.—Continued.

Ointments, Medicated, in Certain Affections of the Nasal Chambers, Observations on the Therapeutic Value of—MacCoy ..... 101

Oppenheimer, Seymour, Some Remarks on Bezold's Mastoiditis with a Report of Three Cases.. 48

Oro-Nasal Canula, The Treatment of Atrophic Rhinitis by Means of—Iglauer ..... 833

Osteo-Myelitis of the Temporal Bone—Richardson ..... 287

Otalgia, The Clinical Significance of—Fridenberg ..... 862

Otitic Brain Abscess, Surgery of—Barnhill ..... 438

Otitis Media. A Case of Bilateral Extra-Dural Abscess Complicating Middle Ear Suppuration Following Typhoid Fever—Bailey.. 941

Otitis Media Purulenta, Chronic, The Non-Operative Treatment of, with Special Reference to the Use of Pyotktanin—Richards.... 703

Otitis Media Purulenta, Chronic, and Post-Operative Mastoid Fistula, Obstruction of the Eustachian Tube, a Factor in—Hubbard ..... 711

Otitis Media, Purulent, Acute, Complicating Typhoid Fever—Day and Jackson ..... 714

P

Packard, Francis R., Syphilitic Manifestations in the Larynx and Trachea ..... 660

Papilloma of the Lingual Tonsil—Johnston ..... 564

Paresis of Cranial Nerves, Diffuse Infiltration of the Right Side of the Naso-Pharynx with—Freer. 845

Pharyngeal Tonsil, Cyst of—Carter ..... 937

Phillips, Wendell C., Melanotic Sarcoma with Manifestations in the Nose, Naso-Pharynx, Mouth, Pharynx and Larynx ..... 452

Polyp, Filrous Post-Nasal—Carter Position for Removal of Adenoids, Under General Anaesthesia—Holmes ..... 350

Post-Nasal Forceps—Thomson.... 385

Potts, Barton H., Foreign Body in the Maxillary Antrum..... 939

Pseudokousma—Koyle ..... 423

Pynchon, Edwin, Some Improved Nose, Throat and Ear Instruments ..... 117

Pyotktanin, The Non-Operative Treatment of Chronic Otitis Media Purulenta, with Special Reference to the Use of—Richards ..... 703

Quinlan, F. J., Throat Complications in Typhoid ..... 17

R

Feflex Versus Catarrh Theory, or Catarrh and Predisposition, Observations on—Behrens ..... 720

Remarks on Bezold's Mastoiditis, with a Report of Three Cases—Oppenheimer ..... 48

Report of a Case of Acute Suppurative Otitis Media, Complicated by Double Pneumonia, Septic Thrombosis of Jugular Bulb; Operation. Excision of Internal Jugular; General Systemic Infection; Death—Dench ..... 37

Resection of Cartilaginous Septum—Swivel Septum Knife—Ballerger ..... 417

Results of Partial Inferior Turbectomy, The—McAuliffe ..... 97

Retro-Pharyngeal Abscesses in Children, Opening—Meierhof... 467

Reynolds, Dudley S., Turbectomy 305

Rhinitis, Atrophic, The Treatment of, by Means of an Oro-Nasal Canula—Iglauer ..... 833

Rhinoscleroma, Two Cases of—Danziger ..... 935

Richards, George L., Aural Neuralgia of Dental Origin..... 289

Richards, George L., The Non-Operative Treatment of Chronic Otitis Media Purulenta with Special Reference to the Use of Pyotktanin ..... 703

Richardson, C. W., Osteo-Myelitis of the Temporal Bone..... 287

Robertson, Charles M., How Much Attention Should We Give the Middle Turbinate Body in Diseases of the Accessory Sinuses. 892

Roe, John O., The Ethmoidal Sinus ..... 611

S

Salpingitis, Acute Eustachian—Koyle ..... 733

Sarcoma with Manifestations in the Nose, Mouth, Pharynx and Larynx, Melanotic ..... 452

Scarlatina, Diphtheria and Measles, Ear and Nose Complications in—McCollom ..... 673

Simon, Sir Felix, In Memoriam.. 195

## ORIGINAL COMMUNICATIONS.—Continued.

Septum, Facial Asymmetry as a Possible Cause of Deformity of the Nasal—Swain ..... 545

Septum Knife, Swivel—Ballenger. 417

Shields, W. B., Melancholia Relieved by Ethmoidal Operation. 465

Sinuses Accessory, in Diseases of; How Much Attention Should We Give the Middle Turbinate Body—Robertson ..... 892

Sinus Diseases, General Discussion of the Symposium on.... 628

Sinus, Frontal, New Operation and Instruments for Draining the—Ingals ..... 644

Sinus, Frontal, Two Cases of Successful Obliteration of, After Repeated Operations—Curtis. 684

Sinus Maxillary, Chronic Empyema of—Leland ..... 596

Sinus, Frontal, The—Coakley.... 602

Sinus, Frontal, The Conservative Treatment of Chronic Suppuration of the—Casselberry. 607

Sinus, Ethmoidal—Roe ..... 611

Sinus, Ethmoidal—Farlow ..... 618

Sinus, The Maxillary—Myles ..... 593

Sinus, Sphenoidal—Gleitsmann. 621

Sinus Sphenoidal, Disease of the; The Comparative Results of Conservative and Radical Methods of Treatment of—Berens ..... 624

Sinus Treatment, Modern Methods of Accessory—Curtis ..... 337

Sinusitis Cured by the Killian and Caldwell-Luc Methods, Multiple—Hitz ..... 297

Sinuses, Accessory, and the Nose, Syphilis of—Logan ..... 650

Smith, Harmon, Report of the Garcia Jubilee Celebration Held in London, March 17, 1905.... 729

Smith, S. MacCuen, Meningitis, Its Symptomatology, Diagnosis and Treatment ..... 513

Smith, Harmon, Naso-Fibroma Treated by Injections of Mono-Chloracetic Acid ..... 292

Some Improved Nose, Throat and Ear Instruments—Pynchon ..... 117

Speculum, Elevator and Forceps for Use in the Sub-Mucous Resection of the Nasal Septum—Hurd ..... 946

Sphenoidal Sinus—Gleitsmann.... 621

Sphenoid Sinus, Disease of the; The Comparative Results of Conservative and Radical Methods of Treatment of—Berens. 624

Stammering, Case of Unusual Form of—Makuen ..... 457

Stein, Otto J., A Case of Laryngeal Tuberculosis with Exhibition of Specimen ..... 876

Stein, O. J., Formalin in the Treatment of Diseases of the Ear, Nose and Throat ..... 857

Stenosis, Tracheal Syphilitic, Dilated During Active Ulceration by a Long Intubating Tube; Cured—Hurd ..... 114

Stucky, J. A., Syphilitic Manifestations in Naso-Pharynx, Ear and Buccal Cavity ..... 657

Sub-Mucous Cautery; Its Use in the Treatment of Hypertrophy of the Inferior Turbinates—Kopetzky ..... 761

Sub-Mucous Resection of the Nasal Septum, Elevator, Speculum and Forceps for Use in—Hurd ..... 946

Suppuration, and Its Complications, Middle Ear—Tod ..... 355

Suppuration, Chronic, of the Frontal Sinus, the Conservative Treatment of—Casselberry ..... 607

Suppuration, Chronic, of the Middle Ear and Post-Operative Mastoid Fistula, Obstruction of the Eustachian Tube a Factor in—Hubbard ..... 711

Surgery of Otitic Brain Abscess—Barnhill ..... 438

Swain, H. L., Facial Asymmetry as a Possible Cause of Deformity of the Nasal Septum. ..... 545

Syphilis of the Nose and Accessory Sinuses—Logan ..... 650

Syphilis, Laryngeal, An Unusual Case of Requiring Tracheotomy —Theisen ..... 691

Syphilitic Manifestations in Naso-Pharynx, Ear and Buccal Cavity —Stucky ..... 657

Syphilitic Manifestations in the Larynx and Trachea—Packard. 660

Syphilitic Tracheal Stenosis—Dilated During Active Ulceration by a Long Intubating Tube; Cured—Hurd ..... 114

T

Temporal Bone, Osteo-Myelitis of the—Richardson ..... 287

Temporal Region, Epidural Abscess of and Abscess of the Frontal Lobe; Operation; Recovery—Klaer ..... 870

Theisen, Clement F., An Unusual Case of Laryngeal Syphilis Requiring Tracheotomy ..... 691

## ORIGINAL COMMUNICATIONS.—Continued.

Thomson, St. Clair, Jubilee of Laryngoscopy ..... 179

Three Cases of Trifacial Neuralgia Due to Intra-Nasal Causes and Treated Successfully by Intra-Nasal Methods—Canfield ..... 716

Throat Complications in Typhoid—Quinlan ..... 17

Throat, Keratosis of the—Foster. 284

Throat and Nose Operations, Hemorrhage in—Mayer ..... 699

Throat, Ear and Nose, Formalin in the Treatment of Diseases of—Stein ..... 857

Throat, Nose and Ear, Jurisprudence of—Loeb ..... 753

Thrombosis, Sigmoid Sinus, Symptomatology, Diagnosis and Treatment of—McKernon ..... 528

Thyro-Glossus Duct, Cyst of the; Report of a Case—Kyle ..... 880

Tod, Hunter F., Middle Ear Suppuration and Its Complications. 355

Tongue, Abscess of the—Cobb ..... 282

Tongue, Case of So-Called Hairy—Johnston ..... 562

Tongue Depressor, A New—Bryant ..... 116

Tonsillar Hemorrhage, Primary and Secondary, Following Removal, Both with Tonsillotome and Snare—Brown ..... 106

Tonsil, Epithelioma of the Faecal—Johnston ..... 566

Tonsil, Papilloma of the Lingual—Johnston ..... 564

Tonsil, Pharyngeal, Cyst of—Carter ..... 937

Tonsil, Spontaneous Hemorrhage from—Keiper ..... 469

Tonsil Tenaculum, A New—Bryant ..... 947

Tonsil, The Diseased Faecal, and Its Operative Treatment—Murphy ..... 851

Tonsil, Tuberculosis Localized in the Third—Means ..... 559

Tonsillar Regression, Cysts in Lymphoid Tissue, an Exceptional Manifestation of—Wright. 681

Trachea and Larynx, Syphilitic Manifestations in—Packard. 660

Tracheal Stenosis, Syphilitic; Delayed During Active Ulceration by a Long Intubating Tube; Cured—Hurd ..... 114

Tracheotomy, An Unusual Case of Laryngeal Syphilis Requiring—Theisen ..... 691

Treatment of Atrophic Rhinitis by Means of an Oro-Nasal Canula—Iglauer ..... 833

Treatment, Modern Methods of Accessory Sinus—Curtis ..... 337

Trifacial Neuralgia Due to Intra-Nasal Causes and Treated Successfully by Intra-Nasal Methods—Canfield ..... 716

Tuberculosis, Laryngeal, A Case of, with Exhibition of Specimen—Stein ..... 876

Tuberculosis Localized in the Third Tonsil—Means ..... 559

Tumors of the Middle Ear with Report of Two Rare Varieties—Beck ..... 765

Turbinate, the Inferior, The Sub-Mucous Cautery; Its Use in the Treatment of Hypertrophy of—Kopetzky ..... 781

Turbinectomy—Reynolds ..... 305

Turbinectomy, Partial Inferior; The Results of—McAuliffe ..... 97

Two Cases of Rhinoscleroma—Danziger ..... 935

Two Cases of Successful Obliteration of the Frontal Sinus After Repeated Operations—Curtis. 684

Tympanic Massage; A New Method by Means of Metallic Mercury—Beck ..... 913

Typhoid Fever, A Case of Bilateral Extra-Dural Abscess Complicating Middle Ear Suppuration Following—Bailey ..... 941

Typhoid Fever, Acute Purulent Otitis Media Complicating—Day and Jackson ..... 714

Typhoid, Throat Complications in—Quinlan ..... 17

U

Unusual, An, Case of Laryngeal Syphilis Requiring Tracheotomy—Theisen ..... 691

V

Voice, Falsetto or Eunuchoid—Dupuy ..... 459

Voice, Observations on the Human—Garcia ..... 185

W

Wells—Walter A., Acute Mastoiditis and the Mastoid Operation in Children ..... 367

Wright, Jonathan, Cysts in Lymphoid Tissue, an Exceptional Manifestation of Tonsillar Regression ..... 681

## SOCIETY PROCEEDINGS.

American Academy of Ophthalmology and Oto-Laryngology	87-139
Adrenalin Chloride, Some Experiments with—Welsh	93
Discussion—Large, Beck, Andrews, Friedman, Burrell, Grove, Reynolds, Alt, Vail, Morrill; Buckwalter	93
Chronic Ear Disease, What Constitutes Proper Nasal Treatment in—Donovan	151
Discussion — Pynchon, Cline, Goux	151
Hemorrhage, Grave, Following Tonsillotomy—Cline	163
Discussion — Faith, Reynolds, Pynchon	163
Laryngeal Tuberculosis Symposium	87
Discussion of papers of Stein, Lockard and Levy—Loeb, Ballenger, Hitz, Reynolds, Wurdeaman, Bradfield, Gallaher, Beck, Spohn	87
Otitis Media, Acute Non-Suppurative: The Etiology, Diagnosis and Treatment of	140
Discussion of papers by Bane and Pynchon—Foster, Beck, Large, Dean, Andrews, Lockard, Donovan, Spohn, Reynolds, Loeb	140
Otitis Media, Chronic Non-Suppurative: The Diagnosis, Differentiation and Treatment of	145
Discussion of papers by Ballenger and Goldstein—Bryant, Pynchon, Large, Levy, Hitz, Loeb, Beck, Cline	145
Pharyngocoele or Diverticulum of the Pharynx—Black	162
Discussion—Beck, Loeb, Goldstein	162
Radium, Experiments with, in some Nose, Throat and Ear Diseases—Beck	96
Discussion—Vail, Spohn	96
Discussion—Andrews	139
Tonsillotomy, Ordinary—Pynchon	159
Discussion — Goldstein, Kyle, Ballenger, Reynolds, Cline, Vail, Goul	159
Turbinectomy—Reynolds	152
Discussion—Goldstein, Lackard, Bullard, Buckwalter, Donovan, Large, Loeb, Farrington, Hitz	
Vail, Kyle, Andrews, Beck, Pynchon, Parker, Reynolds, Lockard, Donovan	152
Tympano-Mastoid Operation in Chronic Suppurative Otitis Media—Andrews	158
Discussion—Briggs, Bryant, Andrews	158
American Laryngological, Rhinological and Otological Society	
.....	165, 245, 332, 406, 503, 586, 664, 735, 802, 895
Abscess in the Temporo-Sphenoidal Lobe of the Brain Following an Acute Otitis Media; Operation; Recovery, Report of a Case of—Halsted	830
Discussion—Logan	831
Acute Mastoiditis, The Indications for Operating in—Kerrison	819
Discussion — Dench, Smith, Stucky, Mial, Packard	820
Acute Purulent Otitis Media Complicating Typhoid Fever; Report of a Case, with Autopsy—E. W. Day	823
Discussion — Holmes, McCaw, Jackson	823
Adenocarcinoma Occupying all of the Sinuses, Nose and Orbita—Dudley	590
Adenoid Forceps—H. H. Curtis	168
Angio-Neurotic Oedema, A Case of—Douglas	736
Discussion — Freudenthal, Halsted, Richardson, Ballenger, Stucky, Coffin, Logan, Culp, Myers, Douglas	738
"Bone Cysts" in the Accessory Sinuses of the Nose, Some Points in the Pathology of—Turner	174
Discussion—Kyle, Cobb, Levy, Myles	174
Bronchoscope, Oesophagoscope, Tracheoscope, Laryngo-Pharyngeal Speculum—Jackson	739
Collodium after Nose Operations — Pischel	664
Discussion—Jackson, Beck	665
Carcinoma of the Larynx, Report of a Case of—Solly	743
Discussion — Loeb, Woodward, Phillips, Ingals	744
Defects of Speech, What the Laryngologists May Do for Correction	

## SOCIETY PROCEEDINGS.—Continued.

tion of More Common Forms of	
—Makuen .....	252
Discussion — Goldstein, Loeb,	
Brown .....	252
Dentigerous Cyst, Inflamed, Sim-	
ulating Abscess of the Antrum	
of Highmore Caused by an	
Odontoma—Haskin .....	813
Discussion—Mosher, Richards,	
Clark, Logan, Loeb, Hurd,	
Harris, Coffin, Coakley, Ber-	
rens .....	813
Diseases, Uses of Rubber in Na-	
sal and Antral—Brown .....	591
Epithelioma of Antrum—Jackson	742
Epithelioma of Larynx—Jackson	742
Ethmoid Cells, Orbital Infection	
from the, with Spontaneous	
Opening at the Inner Angle of	
the Orbit—Munger .....	588
Discussion—Knapp, Thompson,	
Berens .....	588
Encephalitis and Brain Abscess,	
Symptomatology, Diagnosis and	
Treatment of—Jack .....	748
External Operation for the Relief	
of Ethmoiditis—Coffin .....	805
Frontal Sinus Disease, Further Ex-	
perience with Operations for—	
Freudenthal .....	805
Frontal Sinusitis; Diagnosis,	
Treatment and Results—Coakley	803
Frontal Sinus, New Operation and	
Instruments for Draining the—	
Ingalls .....	806
Frontal Sinus Operation, Compli-	
cated by Post-Orbital Abscess—	
Myles .....	173
Growth of the Upper Air Pas-	
sages, Malignant—Symposium—	
Cobb, Goldstein, Kyle, Jackson	586
Hay Fever, The Serum Treatment	
of—Loeb .....	825
Discussion — Corwin, Theisen,	
Logan, Smyth, Cobb .....	825
Head Lamp, Improved—Stucky..	739
Head Lamp, Modified—Phillips..	740
Head Lamp, New—Jackson .....	169
Discussion — Richards, Dench,	
Phillips, Stucky, Pierce .....	170
Infection from Ethmoid Cells, Or-	
bital—Munger .....	588
Discussion—Knapp, Thompson,	
Berens .....	588
Intra-Cranial Complications of Mid-	
dle Ear Diseases, Pathologic	
Findings of—Harris .....	748
Intra-Cranial Complications of	
Middle Ear Suppuration—Sym-	
posium—Smith, Jack, McKer-	
non, Harris.	
Discussion — Dench, Phillips,	
Richardson .....	749
Intra-Cranial Operations, Report	
of Seven Within a Year—Cott..	825
Intra-Nasal Route in Operating	
Upon the Nasal Accessory	
Sinuses—Wells .....	804
Killian's Inspection of the Trachea	
and Oesophagus—Mosher .....	747
Laryngitis, Treatment of Tubercu-	
lar—Solly .....	503
Discussion—Cobb, Brown, Root,	
Thompson, Jackson, Levy .....	503
Larynx in Typhoid Fever, the—	
Jackson .....	823
Malignant Growths of the Upper	
Air Passages — Symposium—	
Cobb, Goldstein, Kyle, Jackson.	586
Discussion—Turner, Holmes .....	586
Mastoid Case, Exhibition of—W.	
L. Ballenger .....	166
Mastoid Complications, Cases Il-	
lustrating Difficulties in the	
Diagnosis of—Duel .....	590
Mastoid Gouge, A New—Bryant..	168
Mastoiditis and Jugular Bulb	
Thrombosis, Chronic Purulent	
Otitis Media, Complicated by	
Chronic—McKernon .....	406
Mastoiditis Complicated by Neph-	
ritis and Erysipelas—White .....	508
Discussion — Curtis, Holmes,	
Dench, Myers, Richardson .....	508
Mastoiditis, Some Interesting	
Cases of—McCaw .....	590
Meningitis, Its Symptomatology,	
Diagnosis and Treatment, with	
Report of a Case—Mac Cuen	
Smith .....	748
Nasal and Antral Diseases, Uses	
of Rubber in—Brown .....	591
Nasal Splint—Mosher .....	740
Nose and Ear Complications in	
Diphtheria, Scarletina and	
Measles—McCollom .....	813
Discussion—Richardson, Rich-	
ards, Jackson, Dench, Smith,	
Phillips, Day, Mosher, Hub-	
bard, Stucky, McCaw, Leland.	813
Obliteration of the Frontal Sinus	
after Repeated Operations, Two	
Successful Cases of—Curtis .....	806

## SOCIETY PROCEEDINGS.—Continued.

Obstruction of the Eustachian Tube a Factor in Post-Operative Mastoid Fistula and in Chronic Suppuration of the Middle Ear—Hubbard ..... 742  
 Discussion—Dench, Goldstein ..... 742

Otitis Media, Complicated by Double Pneumonia, Septic Thrombosis of the Jugular Bulb, Acute Suppurative—Dench ..... 592  
 Discussion—Pischel ..... 592

Otitis Media, Purulent, Complicating Typhoid Fever—Jackson ..... 248  
 Discussion—Dench, Thompson, Stucky, Munger, McKernon ..... 248

Otitis Media, Purulent, Complicated by Chronic Mastoiditis and Jugular Bulb Thrombosis, Chronic—McKernon ..... 406  
 Discussion—Dench, Allport, Myles, Turner, Pierce ..... 406

Orbital and Meningeal Infection from the Ethmoid Cells; Death: Report of a Case—McCaw ..... 832

President's Address—Cobb ..... 735

President's Address—Pierce ..... 165

Relation of Diseases of the Stomach to Affections of the Mouth, Nose and Throat—Levy ..... 666

Relation of Diseases of the Stomach to Affections of the Mouth, Nose and Throat—Levy ..... 667  
 Discussion—Stucky, Cobb, Ballenger ..... 667

Results of Operations by Way of the Maxillary Route for Combined Disease of the Maxillary Antrum, the Ethmoid Labyrinth and the Sphenoid Sinus—Berens ..... 804

Rubber in the Treatment of Nasal and Antral Diseases, Uses of—Brown ..... 591  
 Discussion—Richards, Logan ..... 591

Safety Pin Closer—Mosher ..... 740

Salivary Ducts and Glands, Diseases of, and Their Treatment—Myles ..... 590  
 Discussion—Richards ..... 590

Sarcoma of Nose—W. L. Ballenger ..... 167

Scarlatinal Otitis—Sprague ..... 819  
 Discussion—Dench ..... 819

Septotome, New—Wells ..... 740

Septum Cutter, A New—Ballenger ..... 739

Sigmoid Sinus Thrombosis, Sympathomatology, Diagnosis and Treatment of—McKernon ..... 748

Significance of Edema of the Pharynx—Schadie ..... 832

Sinusitis, Chronic, Multiple, Operated Upon by Way of the Maxillary Route—Berens ..... 411  
 Discussion—Myles, Turner, Richardson ..... 411

Sinusitis in Children, with Specimens Illustrating Development of the Sinus—Coffin ..... 245  
 Discussion—Turner, Phillips, Stucky, Myles ..... 245

Specimens, Exhibition of—G. L. Richards ..... 166

Sphenoidal Sinus and Its Surgical Relationship—Curtis ..... 232  
 Discussion—Turner, Myles ..... 332

Symposium on Malignant Growths of the Upper Air Passages—Cobb, Goldstein, Kyle, Jackson ..... 586

Syphillis of the Nose and Accessory Sinuses—Logan ..... 829

Syphilitic Manifestations in Naso-Pharynx Ear and Buccal Cavity—Stucky ..... 830

Syphilitic Manifestations in the Larynx and Trachea—Packard ..... 830

Syphilitic Manifestations in the Upper Air Passages—Symposium—Logan, Packard, Stucky ..... 830  
 Discussion—Farrell ..... 830

Thrombosis, Infective, of the Sigmoid and Lateral Sinuses After Acute Mastoiditis; Death from Meningitis; Autopsy Report—Knapp ..... 747

Tinnitus Aurium and Hallucinations of Hearing: Or the Relation of Ear Disease to Auditory Hallucinations of the Insane—Bryant ..... 802

Tinnitus Aurium, Treatment of—Bryant ..... 334  
 Discussion—Bane, Holmes, Duel ..... 334

Tonsillar Snare, Improved—Ballenger ..... 739

Tonsillolith, Report of a Case of—Mabon ..... 173

Tonsillotomy Forceps—H. H. Curtis ..... 168

Tracheal Canula—Day ..... 169  
 Discussion—Jackson ..... 170

Tympano-Mastoid Exenteration, Showing Healing of Cavity by Blood Clot—Sprague ..... 735

Typhoid Fever, Purulent Otitis Media Complicating—Jackson ..... 248  
 Discussion—Dench, Thompson, Stucky, Munger, McKernon ..... 248

Unusual Case of Laryngeal Syphillis, Requiring Tracheotomy—Theisen ..... 747

Wire Cheek and Lip Retractor—Mosher ..... 740

## SOCIETY PROCEEDINGS.—Continued.

Chicago Laryngological and Otolaryngeal Society..... 488-576-895-956

Antrum Disease, Case of—Hardie 576  
Discussion—Freer, Pierce, Holinger, Stein..... 576

Blunt Separator—Pynchon..... 956

Cyst of the Middle Turbinate, Bone—Holinger..... 491

Empyema of the Frontal Sinus—Holinger..... 491

Fibro-Lipoma of the Throat—E. F. Ingals..... 895  
Discussion—Pierce..... 896

Fibroma of the Tonsil—Pynchon 969

Intubation, Tracheal and Laryngeal Stenoses Following—Rhodes..... 488  
Discussion—Stein, Farrell..... 488

Laryngeal Tuberculosis with Exhibition of Specimen—Stein..... 903

Massage: A New Method by Means of Metallic Mercury—Beck..... 971  
Discussion—Marquis, Holinger, Wilson, Andrews, Pierce, Pynchon, Beck..... 971

Medical Terms Commonly Misused—Shambaugh..... 492  
Discussion—Pierce, Ballenger, Rhodes..... 492

Nasal Reflexes—Gradle..... 957  
Discussion—Wilson, Pierce, Pynchon, Shambaugh, Head, Hardie, Rhodes, Marquis, Holinger, Andrews, Beck..... 957

Naso-Pharynx, Diffuse Infiltration of the Right Side of, Accompanied by Cranial Nerve Paresis—Freer..... 901  
Discussion—Stein, Gradle..... 901

Oto-Sclerosis—Pierce..... 496

Palatal Ulceration, Case of—Hardie..... 576  
Discussion—Freer, Pierce, Holinger, Stein..... 576

Rarefaction of the Labyrinthine Capsule, Present Status of the Question—Pierce..... 496  
Discussion—Shambaugh, Holinger..... 498

Septum, Resection, Operation on the Nasal with Exhibition of Cartilage Knife—Kenyon..... 579  
Discussion—Freer..... 582

Stenoses Following Intubation, Tracheal and Laryngeal—Rhodes..... 488  
Discussion—Stein, Farrell..... 491

Suppurative Frontal Sinus Disease, Presentation of Cases Operated on by the Killian Method for the Cure of—Pierce..... 896

Discussion—Holinger, Beck, Ingals, Gradle..... 898

Tonsil, Fibroma of—Pynchon..... 969

Tonsil Forceps—Pynchon..... 956

Tonsillotome, A New—Pynchon 903

Tuberculosis, Laryngeal, Case of—Hardie..... 576  
Discussion—Freer, Pierce, Holinger, Stein..... 576

New York Academy..... 58-124-227-310-386-475-567-948

Adeno-Carcinoma of Nose, A Case of—Killian Operation—McCoy..... 388

Discussion—Sharpe..... 388

Adenoid Forceps—McAuliffe..... 241

Adenoid Forceps—Melerhof..... 242

Discussion—Quinlan, Harris..... 242

Atrophic Conditions of the Nose and Throat, Mucin in—Newcomb 238

Bony Growths in the Tonsil— Carter..... 125  
Discussion—Douglas..... 137

Bronchoscope, Foreign Body Removed with the Aid of the—Yankauer..... 320

Bronchoscope—Mayer..... 331

Bronchus, Foreign Body in the; Removal with the Aid of the Bronchoscope; Recovery—Yankauer..... 320

Cancer of the Larynx—Sir Felix Semon..... 58  
Discussion—Hartley, Bodine, Brewer, Delavan, Phillips..... 71

Chair for Rhinologists and Laryngologists—Wallace..... 399

Chisel, New, Mallet—Myles..... 484

Deformity of the Nostril, An Unusual Case of, Operated Upon with Remarkably Satisfying Results—Quinlan..... 573

Discussion—Coburn, Hurd..... 573

Epiglottis, Syphilitic Affection of the—Waterman..... 483

Epithelioma of the Urula, Primary—Harmon Smith..... 229

Equilibrium Between Infection and Immunity as Illustrated in the Tonsillar Crypt—Wright..... 323

Discussion—Swain..... 323

Eucaine Lactate as Anaesthetic on Nose and Throat—Harris..... 484

Discussion—Wilson..... 484

Fibroma Treated by Injections of Monochloracetic Acid, Nasal—Harmon Smith..... 386  
Discussion—Harris..... 386

Forceps, Adenoid—McAuliffe..... 241

Forceps and Speculum for Use in the Submucous Resection of the Nasal Septum—Hurd..... 953

## SOCIETY PROCEEDINGS.—Continued.

Foreign Body in the Bronchus: Removal with the Aid of the Bronchoscope; Recovery—Yankauer .....	326	Laryngeal Cough, Peculiar, (Barking) in a Young Girl—McAuliffe 386	
Discussion—Mayer .....	322	Discussion—McDonald, Quinlan, Douglass, Simpson .....	387
Foreign Body in Nostril—Harmon Smith .....	951	Laryngeal Curette—Newcomb.... 134	
Foreign Body in the Larynx—Coakley .....	236	Discussion—Chappell, Berens, Myles .....	134
Discussion—Quinlan .....	236	Laryngitis, Tubercular, Cases of—Freudenthal, Hubbard .....	313
Foreign Body Removed from the Right Bronchus. Presentation of Patient and History of Case—Elsberg .....	950	Discussion—Douglas, Harris, Delavan, Mayer, Swain, Chappel .....	314
Discussion—Mayer .....	950	Laryngoscopy, Future of the Laryngoscope and the Study of—Mackenzie .....	405
Frontal Sinus Affection, Extensive—Killian Operation—Recovery—Coffin .....	233	Laryngeal Affection—Meierhoff.. 235	
Discussion—Coakley, Harris, Quinlan, Mayer .....	233	Larynx and Trachea Containing Papilloma, Specimen from a Child of Two and a Half Years—Simpson .....	954
Frontal Sinus Case—Coakley.... 948		Discussion—Newcomb .....	955
Frontal Sinusitis, Double; Operation—Myles .....	948	Larynx, Benign Neoplasms of the—Knight .....	389
Discussion—Frudenthal .....	948	Larynx, Cancer of—Sir Felix Semon .....	58
Frontal Sinus Operation, Paraffin Injection for Deformity Following—Myles .....	231	Larynx, Extirpation of the—Moseley .....	312
Garcia Centenary, Report of—Harmon Smith..... 575-729		Discussion—Delavan, Chappell 312	
Garcia, Manuel—Mr. Herman Klein .....	401	Larynx, Foreign Body in the—Coakley .....	236
Goitre and Malformation of the Larynx Due to Traumatism—Koontz .....	571	Discussion—Quinlan .....	236
Haemostatic Nasal Packing—Newcomb .....	574	Larynx, Growth in, Existing for Nine Years—Gleitsmann..... 126	
Improved Instruments for the Removal of the Naso-Antral Wall—Myles .....	953	Discussion—Freudenthal .....	126
Discussion—Mayer, Yankauer.. 953		Larynx, Malformation of, and Exophthalmic Goitre Due to Traumatism—Koontz .....	571
Inhaler for Use With Somnoform—Berens .....	954	Discussion—Hubbard, Lederman, Wilson .....	571
Discussion—Chambers, Newcomb .....	954	Larynx, Neoplasm of, Causing Stenosis, Tracheotomy, Thyrotomy, Intubation—Harris..... 124	
Instruments in Intra-Nasal Operations on Accessory Sinuses—Myles .....	484	Larynx, Primary Lupus of—Smyth 127	
Discussion—Mayer, Berens, Yankauer, Abrahams, Hurd.. 484		Discussion—Mayer, Gleitsmann, Douglas .....	129
Quinsy, Recurrent—Myles..... 232		Malignant Tumor of the Tonsil Treated with Radium—Freudenthal .....	227
Discussion—Coakley, Meierhof, Lederman .....	232	Discussion—Coakley, Hurd..... 228	
Killian Operation (for) A Case of Extensive Frontal Sinus Affection—Coffin .....	233	Manuel Garcia, Teacher, Discoverer and Man—Newcomb .....	401
Knife, Revolving Disc, for Submucous Septal Operations — Smith .....	243	Mucin in Atrophic Conditions of the Nose and Throat—Newcomb 238	
		Discussion—Harris, Freudenthal Quinlan .....	240

## SOCIETY PROCEEDINGS.—Continued.

Nasal Plugs—Abraham ..... 133  
 Nasal Polypi and Sarcoma—Toepiltz ..... 949  
 Discussion — Freudenthal, Harris, Lederman ..... 949  
 Nasal Splints, Set of—Hurd ..... 133  
 Necrosis of the Superior Maxilla, Ethmoid and Sphenoid Bones, Extensive Syphilitic—Hurd ..... 230  
 Neoplasms of the Larynx, Benign—Knight ..... 389  
 Discussion—Simpson, Douglass, Harris, Quinlan ..... 395  
 Neoplasms of the Larynx, causing Stenosis, Tracheotomy, Trityotomy, Intubation—Harris ..... 124  
 Discussion—Mayer, Douglas ..... 128  
 Nose, Sarcoma of the—Harris ..... 568  
 Nostril Operated Upon with Remarkably Satisfying Results, Deformity of the—Quinlan ..... 573  
 Observations Made in the Throat Clinics of Germany ..... 952  
 Oesophagus, False Teeth in, with Radiograph of Chest and Neck Showing Teeth in Position just under the Collar Bones—Myles. 477  
 Discussion—Emerson, Mayer ..... 477  
 Pachydermia Laryngis, Electrolytic Instruments for Treating—Delavan ..... 574  
 Pachydermia Laryngis of Doubtful Origin—Harris ..... 568  
 Discussion — Lederman, Hubbard, Simpson, Quinlan, Coffin ..... 569  
 Paraffin Injection for Deformity Following Frontal Sinus Operation, Extensive—Myles ..... 231  
 Discussion—Smith ..... 231  
 Pharynx and Soft Palate, Unilateral Clonic Spasm of—Coburn. 567  
 Discussion—Lederman, Quinlan. 568  
 Polypus, Large Nasal—Newcomb. 574  
 Polypus, Large Post-Nasal—Carter 486  
 Discussion—Mayer, Waterman. 486  
 Probes for the Salivary Ducts—Myles ..... 241  
 Discussion—Coakley, Berens ..... 241  
 Radiographs in Frontal Sinus Disease, Demonstrations of the Value of—Ard ..... 130  
 Discussion — Douglas, Myles, Mayer, Wilson ..... 131  
 Radiograph of Chest and Neck Showing False Teeth in Aesophagus, Just Under Collar Bone—Myles ..... 477  
 Radium, Malignant Tumor of the Tonsil Treated with ..... 227  
 Resection, Temporary, of Both Superior Maxillae for Naso-Pharyngeal Tumor—Kammerer ..... 310  
 Discussion — Chappell, Mayer, Harris ..... 311  
 Rhinoscleroma, Two Cases of—Danziger ..... 950  
 Sam's Atomizer—Abraham ..... 131  
 Sarcoma and Nasal Polypi—Toepiltz ..... 949  
 Sarcoma, Case of—Coakley ..... 949  
 Sarcoma of Right Nostril—McCullagh ..... 948  
 Sarcoma of the Nose—Harris ..... 568  
 Discussion — Lederman, Hubbard, Simpson, Quinlan, Coffin ..... 569  
 Semon—Sir Felix, Cancer of the Larynx ..... 58  
 Septal Elevators and Knives—Abraham ..... 132  
 Septometer, Nasal—Wallace ..... 400  
 Septum Forceps—Payne ..... 133  
 Septum, Revolving Knife for Sub-mucous Resection of—Smyth ..... 400  
 Septum, Sub-mucous Resection of the, Several Cases of—Yankauer ..... 478  
 Discussion—Mayer, Myles, Abrahams ..... 479  
 Sinus Case, Frontal, Followed by Improvement in Vision—Freudenthal ..... 481  
 Discussion—Meierhof, Freudenthal, Berens, Quinlan ..... 482  
 Sinusitis, Pan, A Fatal Case of; Operation—Harmon Smith ..... 325  
 Discussion—Emerson, Wright, Douglass, Freudenthal ..... 327  
 Sub-Glottic Growth, A Case of—McAuliffe ..... 389  
 Submucous Septal Operations, Revolving Disc Knife for—Smith ..... 243  
 Syphilitic Affection of the Epiglottis—Waterman ..... 483  
 Discussion—Lederman ..... 483  
 Syphilitic Necrosis, Extensive of the Superior Maxilla, Ethmoid and Sphenoid Bones—Hurd ..... 230  
 Discussion—Mayer ..... 231  
 Syphilitic Tracheal Stenosis, with Dilatation During Active Ulceration—Hurd ..... 128  
 Thryotomy with Subsequent Laryngectomy, Case of—Chappell ..... 475  
 Discussion—Smith ..... 476

## SOCIETY PROCEEDINGS.—Continued.

Tonsillar Crypt, Equilibrium Between Infection and Immunity as Illustrated in the—Wright..	323	Beth Superior Maxillae for Naso-Pharyngeal—Kammerer ..	310
Tonsil Scissors with Pressure Created Near the Distal End—Myles .....	487	Turbinectomies, Results of Partial Inferior—McAuliffe .....	236
Tonsil Treated with Radium, Malignant Tumor of the—Freudenthal .....	227	Discussion — Harris, Phillips, Berens, Myles .....	236
Tumor, Temporary Resection of		Uvula, Primary Epithelioma of the —Harmon Smith .....	229
		Voislawsky Hajek Chisels—Abraham .....	133

## ABSTRACTS.

Accessory Sinuses of the Nose, Some Ophthalmological Phases of Diseases of.....	891	Death Due to Careless Plugging of the Nose, With a Few Remarks on the Treatment of Nasal Hemorrhages.....	752
Adenoid Vegetations, Additional Symptoms Caused by .....	911	Diagnosis, The early, of Malignant Disease of the Naso-Pharynx .....	734
Adenoid Vegetations, Albuminuria .....	435	Diphtheritic Inflammation of the Middle Ear without the Formation of Diphtheritic Membrane ..	164
Adenoid Vegetations, Symptoms, Complications and Sequelae of .....	502	Ear, Suppurative Diseases of the Middle .....	281
Alcoholic Solutions of Cocaine Hydrochlorate in Oto-Rhinology, The Use of.....	772	Effects of Tonsillotomy .....	643
Antrum of Highmore, Treatment of Chronic Empyema of.....	670	Electric Phototherapy in Otolaryngology .....	617
Antrum of Highmore and Teeth, Blood Supply of .....	107	Empyema, Chronic, of the Antrum of Highmore, Surgical Treatment of .....	113
Antrum of Highmore, Surgical Treatment of Chronic Empyema of .....	113	Epistaxis, Persistent .....	715
Blood Supply of the Teeth and of the Antrum of Highmore.....	107	Ethmoidal and Sphenoidal Cells, Suppuration of the .....	601
Bronchial Cleft Cyst .....	850	Eucain Lactate as an Anaesthetic for Operations in the Nose and Throat .....	512
Bronchoscopy for Extraction of Foreign Bodies .....	366	Evolution of My Theory of a System of Safety Reflexes of the Upper Respiratory Tract.....	113
Carcinoma, Primary of the Lingual Tonsil .....	105	Eye and Nose, Relation between Diseases of .....	911
Carcinoma of the Velum Palati Cured by Radium .....	752	Foreign Bodies in the Bronchial Tubes .....	487
Cases Simulating Grave Mastoiditis .....	856	Foreign Body in the Larynx.....	945
Cerebellar Abscess .....	456	Foreign Bodies in the Respiratory Passages .....	286
Children, Papilloma of the Larynx in .....	906	Gangrenous Pachymeningitis, a Case of .....	671
Chronic Laryngitis as Treated by the General Practitioner .....	138	Glands in Diseases of the Middle Ear, Significance of Enlargement of the Cervical.....	382
Chronic Middle Ear Catarrh, The Use of Thioshamin in.....	115	Hearing in Dry Middle Ear Catarrh, Incision of the Drum Membrane as a Means of Improving the.....	331
Closure of the Ostium Maxillare .....	861	Hearing—Test Table .....	244
Cocaine Hydrochlorate in Oto-Rhinology, The Use of Alcoholic Solutions of .....	772	Hemorrhages, Nasal, a Few Remarks on the Treatment; Death	
Complications from the Use of Hydrogen Peroxide in Otolaryngology ..	595		
Cough, Reflex .....	910		
Croup, Membranous, with Report of Cases .....	41		
Cyst Bronchial Cleft .....	850		

## ABSTRACTS.—Continued.

Due to Careless Plugging of the Nose .....	752
Hydrogen Peroxide in Otology, Complications from the Use of ..	595
Inhalation of Menthol in Catarrh of the Nose and Throat .....	47
Excretions, Intra-Tracheal, in the Treatment of Pulmonary Tuberculosis .....	107
Instruments, Some New .....	649
Intra-Tracheal Injections in the Treatment of Pulmonary Tuberculosis .....	107
Intra-Tracheal Struma .....	660
Jugular Exsection (in one of) Two Cases of Lateral and Sigmoid Sinus Thrombosis; Recovery, Notwithstanding Meningeal Symptoms .....	909
Labyrinth, Necrosis of the .....	453
Lagorrhinos .....	909
Laryngeal Obstruction, An Unusual Case of .....	936
Laryngitis, Acute Sub-Mucous .....	976
Laryngitis, Chronic, as Treated by the General Practitioner ..	138
Larynx, Foreign Body in .....	945
Larynx, Papilloma of, in Children ..	906
Leptomeningitis with Spinal Symptoms and Otic Paralysis ..	451
Local Anesthesia, Radical Operation on the Mastoid under ..	176
Localization of Sound Perception, Remarks upon the .....	105
Malignant Disease of the Naso-Pharynx, Early Diagnosis of ..	734
Mastoiditis, Cases Simulating Grave .....	856
Mastoid, Radical Operation on, under Local Anesthesia .....	176
Maxillare, Ostium, Closure of ..	861
Membranous Croup, with Report of Cases .....	41
Meningitis, Serous, of Nasal Origin .....	934
Methyl, Inhalation of in Catarrh of the Nose and Throat ..	47
Middle Ear Catarrh, Chronic, The Use of Thiosinamin in .....	115
Middle Ear, Diphtheritic Inflammation of, without the Formation of Diphtheritic Membrane ..	164
Mirrors for Intratympanic Examinations, Use of Glass .....	354
Motor, Abnormal, of the Tongue, Two Cases of .....	697
Nasal Origin, Serous Meningitis of .....	934
Nasal Septum, Resection of .....	904
Nasal Tamponade .....	760
Naso-Pharynx, The Early Diagnosis of Malignant Disease of the .....	734
Nervous Gagging After Tonsil-lotomy, A Case of .....	671
New Instruments .....	649
Nose and Eye, Relation between Diseases of .....	911
Ophthalmia Followed by Loss of Hearing, Sympathetic .....	254
Ophthalmological Phases of Diseases of the Accessory Sinuses of the Nose .....	891
Osteitis and Caries of the Mastoid, Primary .....	288
Ostium Maxillare, Closure of .....	861
Otolithiasis .....	349
Pachymeningitis, Gangrenous, A Case of .....	671
Palate, Tuberculosis of the Soft ..	283
Papilloma of the Larynx in Children .....	906
Paracentesis .....	296
Paralysis by Grafting the Facial into the Hypoglossal, Surgical Treatment of Peripheral Facial ..	466
Pharynx, Mixed Infection in the ..	473
Phototherapy, Electric, in Otology ..	617
Plugging of the Nose, Death Due to Careless; With a Few Remarks on the Treatment of Nasal Hemorrhages .....	752
Portals of Infection, The Tonsils as .....	656
Primary Carcinoma of the Lingual Tonsil .....	105
Radical Mastoid Operation under Local Anesthesia .....	176
Radium, Carcinoma of the Velum Palati Cured by .....	752
Reflex Cough .....	910
Reflexes, Safety, of the Upper Respiratory Tract, The Evolution of My Theory of a System of .....	113
Relation Between Diseases of the Nose and Eye .....	911
Remarks Upon the Localization of Sound Perception .....	105
Resection of the Nasal Septum ..	904
Resection of the Nasal Septum, The Submucous Window .....	671
Respiratory Tract, Upper, The Evolution of My Theory of a System of Safety Reflexes of ..	113
Rheumatism Acute Articular, Tonsillitis as a Prodrome to .....	86
Rhinitis Vegetating .....	910
Schirmunski, M. S. ....	349
Septum, Nasal, Resection of .....	904

## ABSTRACTS.—Continued.

Septum, The Submucous Window Resection of the Nasal.....	671	tory Canal .....	342
Sinuses, Accessory, of the Nose, Diseases of, Some Ophthalmological Phases .....	891	Thiosinamin, The Use of, in Chronic Middle Ear Catarrh...	115
Sinus Thrombosis, Lateral and Sigmoid, One with Jugular Exsection; Recovery, Notwithstanding Meningeal Symptoms .....	909	Thrombosis of Lateral and Sigmoid Sinus, Two Cases of, One with Jugular Exsection; Recovery, Notwithstanding Meningeal Symptoms .....	909
Sound Perception, Remarks upon the Localization of.....	105	Tongue, Two Cases of Abnormal Mobility of .....	697
Sphenoidal and Ethmoidal Cells, Suppuration of the .....	601	Tonsillotomy, The Effects of...	643
Struma Intra-Tracheal.....	660	Tonsils as Portals of Infection...	656
Submucous Laryngitis, Acute....	976	Tonsillitis as Prodrome to Acute Articular Rheumatism .....	86
Submucous Window Resection of the Nasal Septum .....	671	Tonsil, Lingual, Primary Carcinoma of .....	105
Death, Sudden, An Unexplained Case of .....	683	Tonsillotomy, A Case of Nervous Gagging After .....	671
Sulpho-Cyanides and of Ptyaline in the Saliva in Middle Ear Diseases .....	422	Treatment of Chronic Empyema of the Antrum of Highmore.....	670
Suppuration of the Ethmoidal and Sphenoidal Cells .....	601	Tuberculosis Pulmonary Intra-Tracheal Injections in the Treatment of .....	107
Surgery of the Larynx, Pharynx, Oesophagus and Trachea, Present Status of.....	244	Tuning Forks as a Universal Means of Measuring the Absolute Hearing Power .....	226
Surgical Treatment of Chronic Empyema of the Antrum of Highmore .....	113	Unexplained Case of Sudden Death .....	683
Symptoms, Additional, Caused by Adenoid Vegetations.....	911	Use of Alcoholic Solutions of Cocaine Hydrochlorate in Otorhinology .....	772
Tamponade, Nasal .....	760	Use of Thiosinamin in Chronic Middle Ear Catarrh .....	115
Temperature of the External An-		Vegetating Rhinitis .....	910

## BOOK REVIEWS.

Alling and Griffin's Diseases of the Eye and Ear.....	336	Killian, Dr. Gustav, The Accessory Sinuses.....	672
Chiari, Ottokar, Prof. Dr., Die Krankheiten des Kehlkopfes und der Lufttröhre.....	256	Lake, Richard, F. R. C. S., Laryngeal Phthisis .....	416
Coakley, Cornelius G., A. M., M. D., A Manual of Diseases of the Nose and Throat.....	912	Moure, E. J., M. D., Traité Élémentaire et Pratique des Maladies de la Gorge, du Pharynx et du Larynx .....	255
Davis, A. Edward, A. M., M. D., Eye, Ear, Nose and Throat Nursing .....	255	Physicians' Visiting List.....	976
Era Key to U. S. P.....	912	Preble, Robert B., A. B., M. D., Pneumonia and Pneumococcus Infections .....	255
Gould, Geo. M., A. M., M. D., American Year-Book of Medicine and Surgery for 1905.....	336	Richardson, Hubert, M. D., Thyroid and Parathyroid Glands.....	416
Griffin's and Alling's Diseases of the Eye and Ear.....	336	Shurly, Ernest L., M. D., Treatise on Diseases of the Nose and Throat .....	415
Heryng, Dr. Theodor, Methods of Examination and Treatment of Diseases of the Larynx.....	256	Whiting, Frederick, Modern Mastoid Operation .....	335
Zarnicko, Carl, Krankheiten der Nase und des Nasenrachens.....		Zarnicko, Carl, Krankheiten der Nase und des Nasenrachens.....	415

## AUTHORS OF ABSTRACTS.

Alexander, G.....	466	Katz, Leo.....	283
Alt, Ferdinand.....	456	Kobrak, Franz.....	164
Baker, Fred.....	856	Lamann, W.....	113
Bean, C. E.....	113	Lange, Victor.....	683
Benton, S.....	945	Lermoyez .....	487
Bergh, E.....	671	Mangum, W. W.....	107
Bing, Albert.....	105,	Martin-Deschamps .....	715
Blatscheck, Albert.....	254	Martin, Johannes .....	861
Bichelonne, H.....	910	Meerovitch, O. S.....	617
Bruder, M. Paul.....	595	Miller, A. C.....	86
Burkner, K.....	296	Nehrkor.....	366
Carriere .....	435	Neumann, Heinrich .....	176
Choronshtzky, B.....	760	Nowotny, Franz.....	286
Clark, J. Payson.....	906	Ostmann, Paul.....	226-244
Cordes, Herm.....	670	Perugia, A.....	752
Cornet, M.....	772	Pollak, Eugene.....	910
Delsaux, M.....	697	Posey, Wm. Campbell.....	891
Dugan, R. C.....	601	Pratt, J. T.....	138
Fischer, Joh.....	911	Richter, Edward .....	671
Fischer, Joh Fred.....	502	Ruprecht, M.....	976
Foster, E. Edwin.....	671	Russell, E. R.....	850
Frankenberger, O.....	660	Sack, N.....	473
Frederick, M. W.....	656	Sawkins, F. J. T.....	936
Freudenthal, W.....	752	Schmiegelow .....	911
Geilhaus .....	47	Sommer, Ernst.....	342
Gluck, Th.....	244	Stefanowski, Th. K.....	331
Gradenigo, G.....	451	Stenger .....	382-734
Halasz, Heinrich.....	288	Stephens, W. B.....	643
Harris, T. J.....	512	Strubell, Alexander .....	107
Herron, J. T.....	41	Sugar, Martin .....	115
Herzfeld, J.....	934	Tsagyroglous, M.....	909
Iglauer, Samuel .....	281	Urbantschitsch, Victor .....	354-649
Jackson, C.....	909	White, Leon E.....	904
Jürgens, Erwin .....	422	Zendiak, J.....	105
Katz, L.....	453		

## BIBLIOGRAPHY.

Atrophic Rhinitis, Treatment of.—Iglauer .....	844	Bronchi and esophagus.—Jackson .....	281
Bezold's Mastoiditis.—Oppenheim-er .....	57	Laryngeal Syphilis—Theisen .....	696
Cyst of Thyro-Glossus Duct.—Kyle .....	882	Laryngo-Tracheal Injections.—Hubbard .....	222
Facial Asymmetry.—Swain .....	557	Malignant Disease in the Nose.—Minor .....	933
Foreign Bodies in the Trachea .....		Pseudokousma-Koyle .....	435
		Tumors of the Middle Ear.—Beck	770

